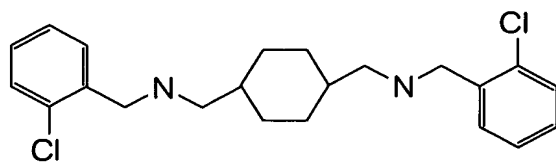
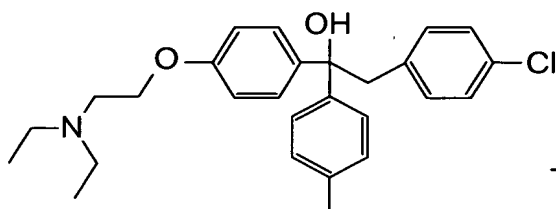




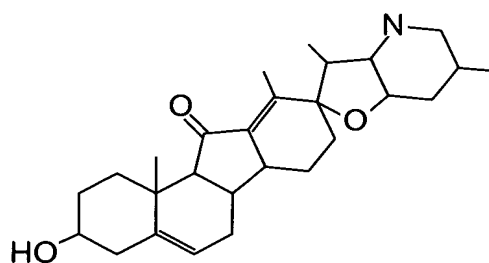
1/16



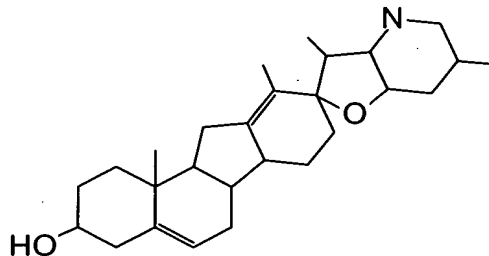
AY9944



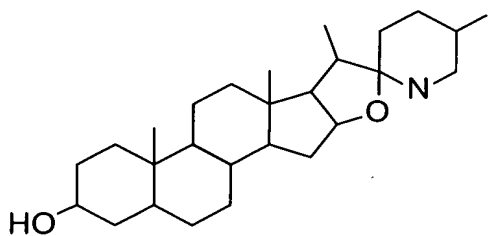
TRIPARANOL



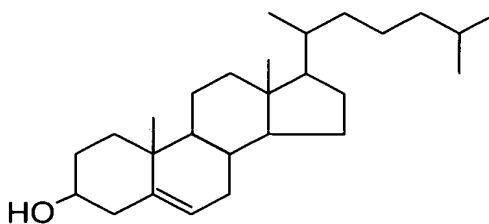
JERVINE



CYCLOPAMINE



TOMATIDINE



CHOLESTEROL

Fig. 1

2/16

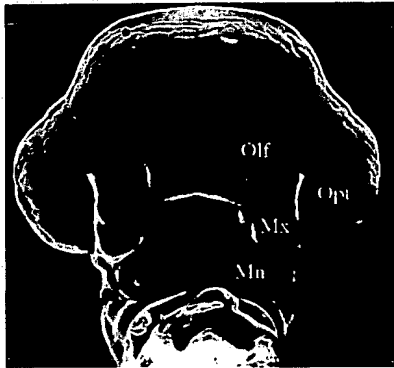


Fig. 2A

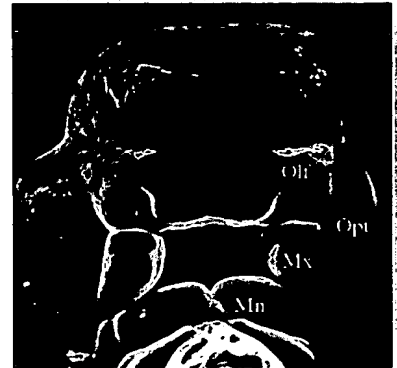


Fig. 2B



Fig. 2C



Fig. 2D

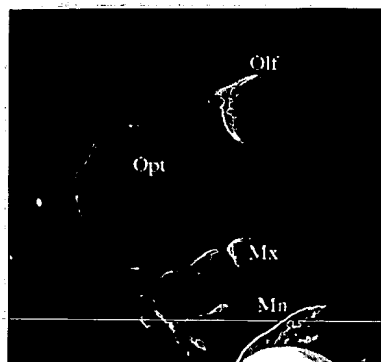


Fig. 2E

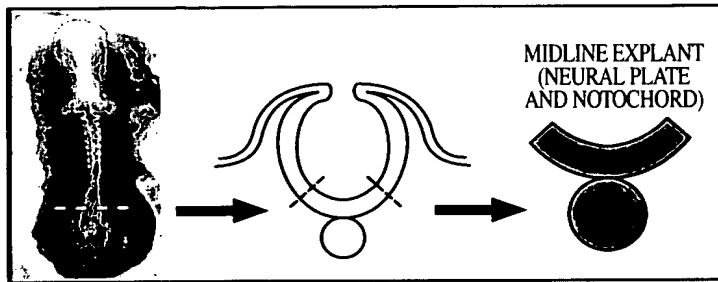


Fig. 3A



Fig. 3B

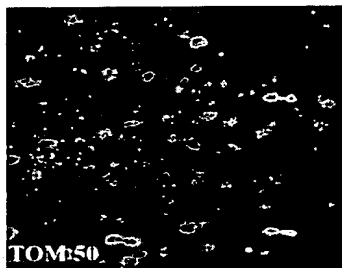


Fig. 3C

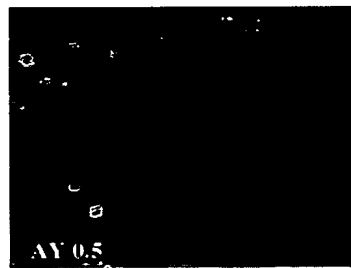


Fig. 3D

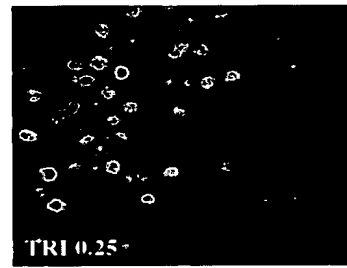


Fig. 3E

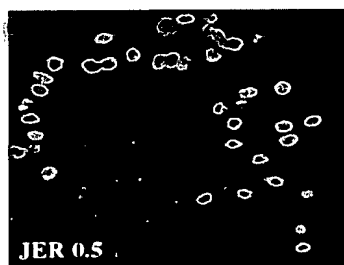


Fig. 3F

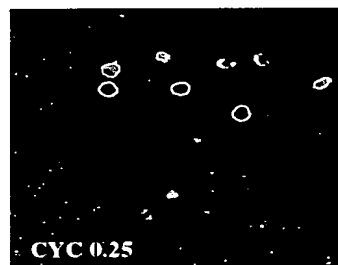


Fig. 3G



Fig. 3H

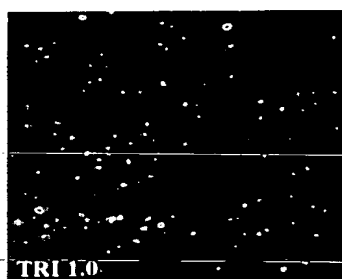


Fig. 3I

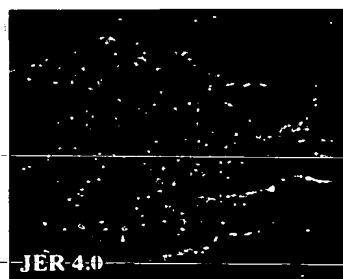


Fig. 3J

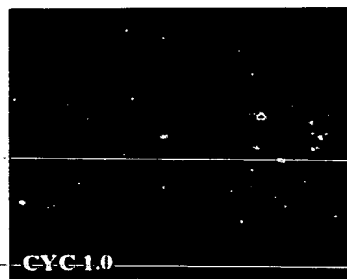


Fig. 3K

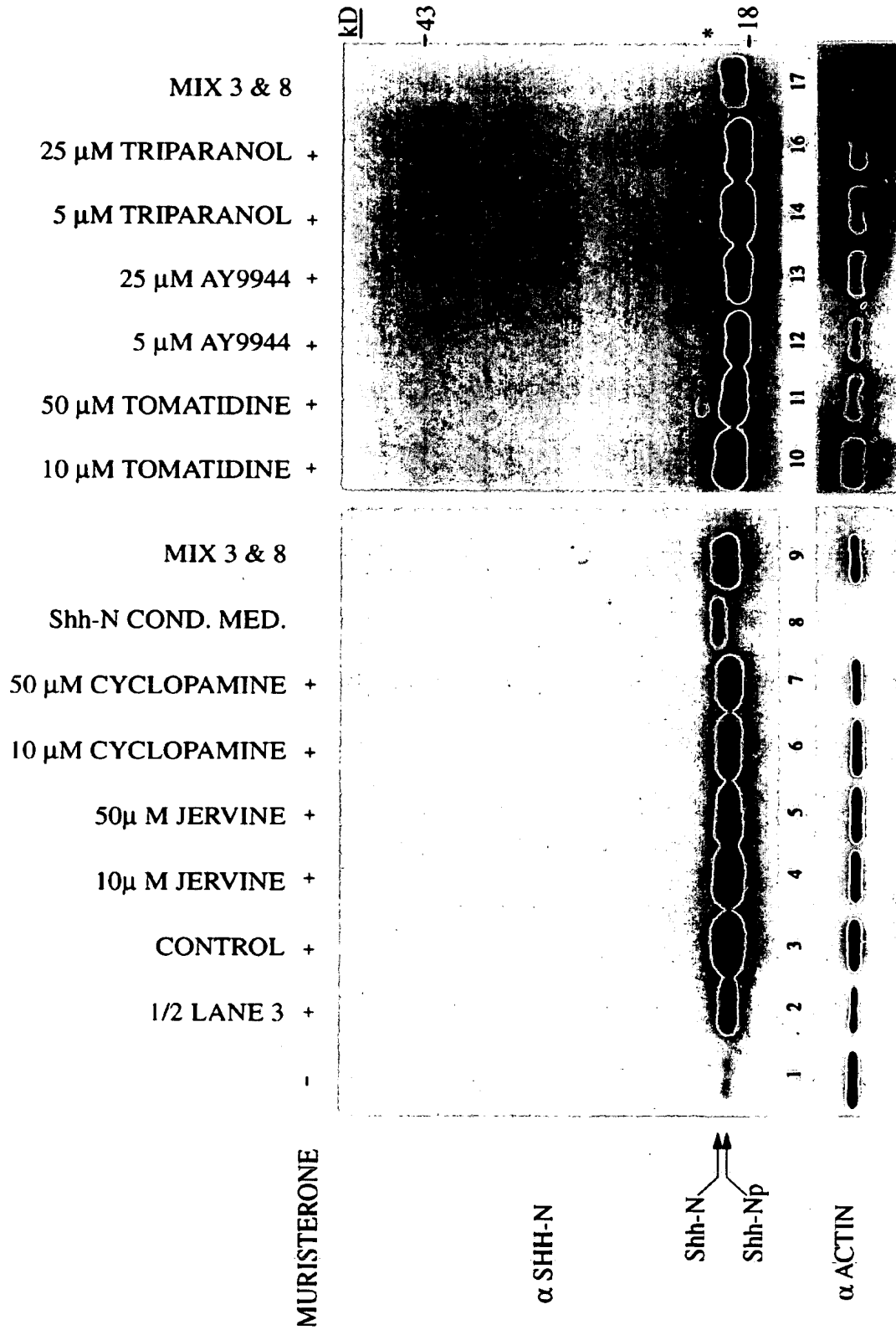


Fig. 4

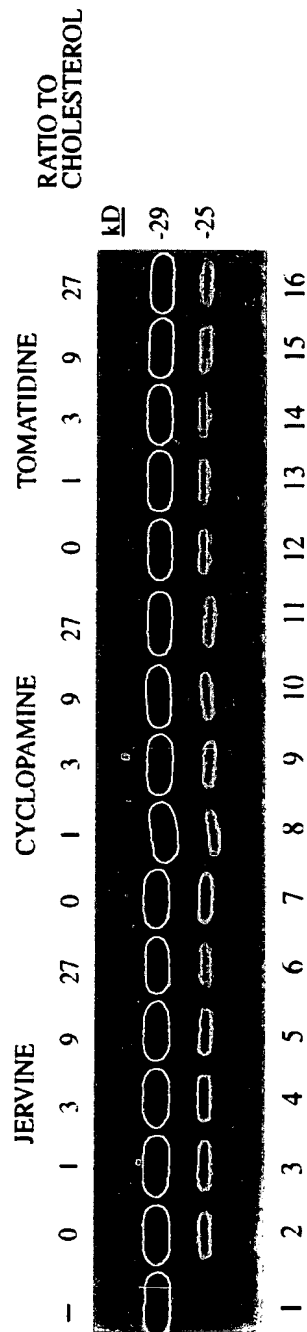


Fig. 5A

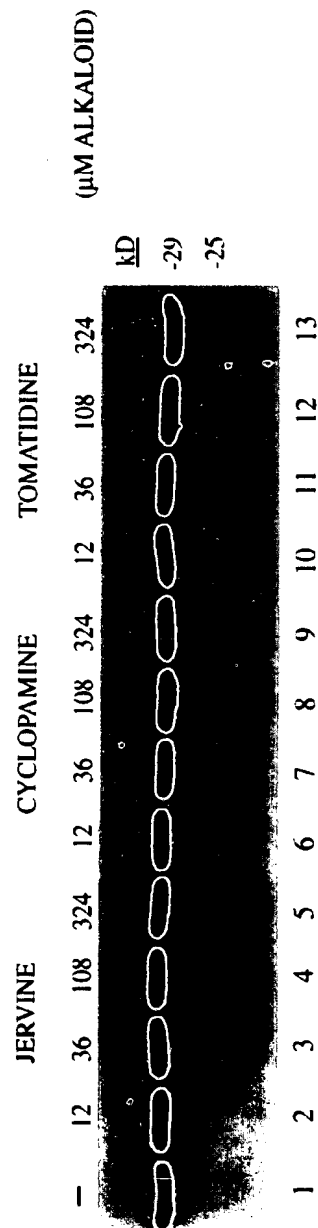


Fig. 5B

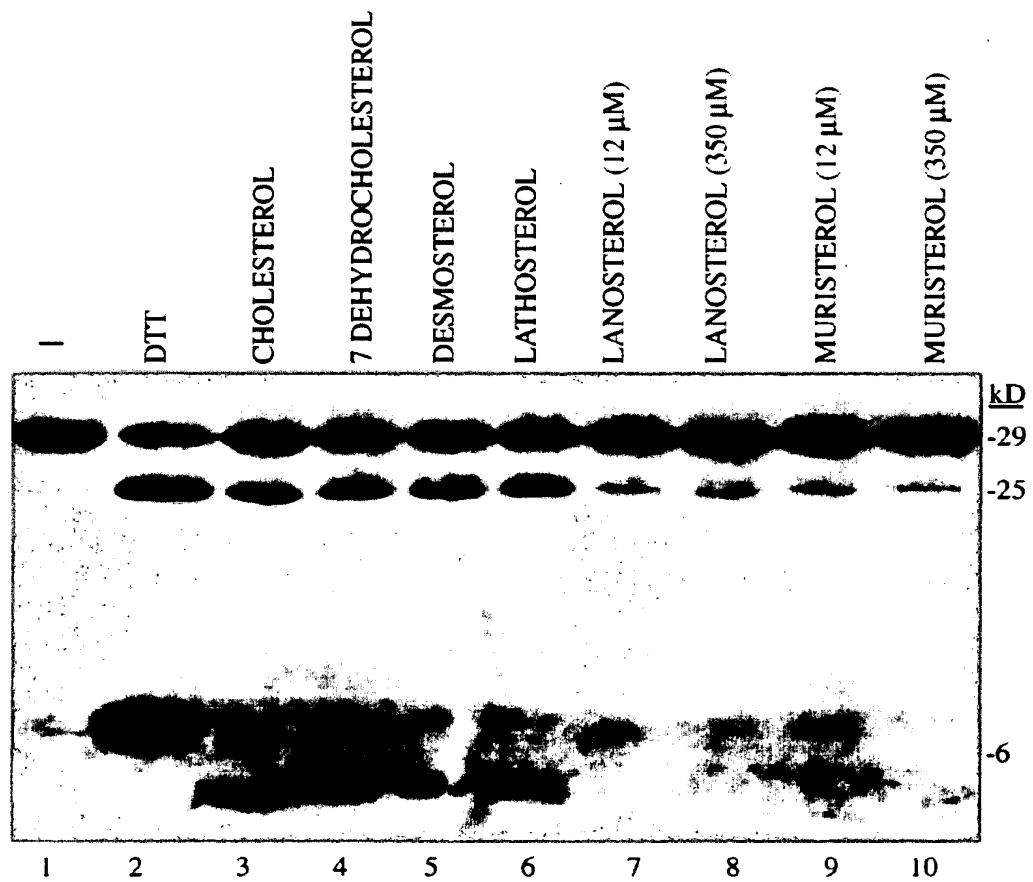


Fig. 5C

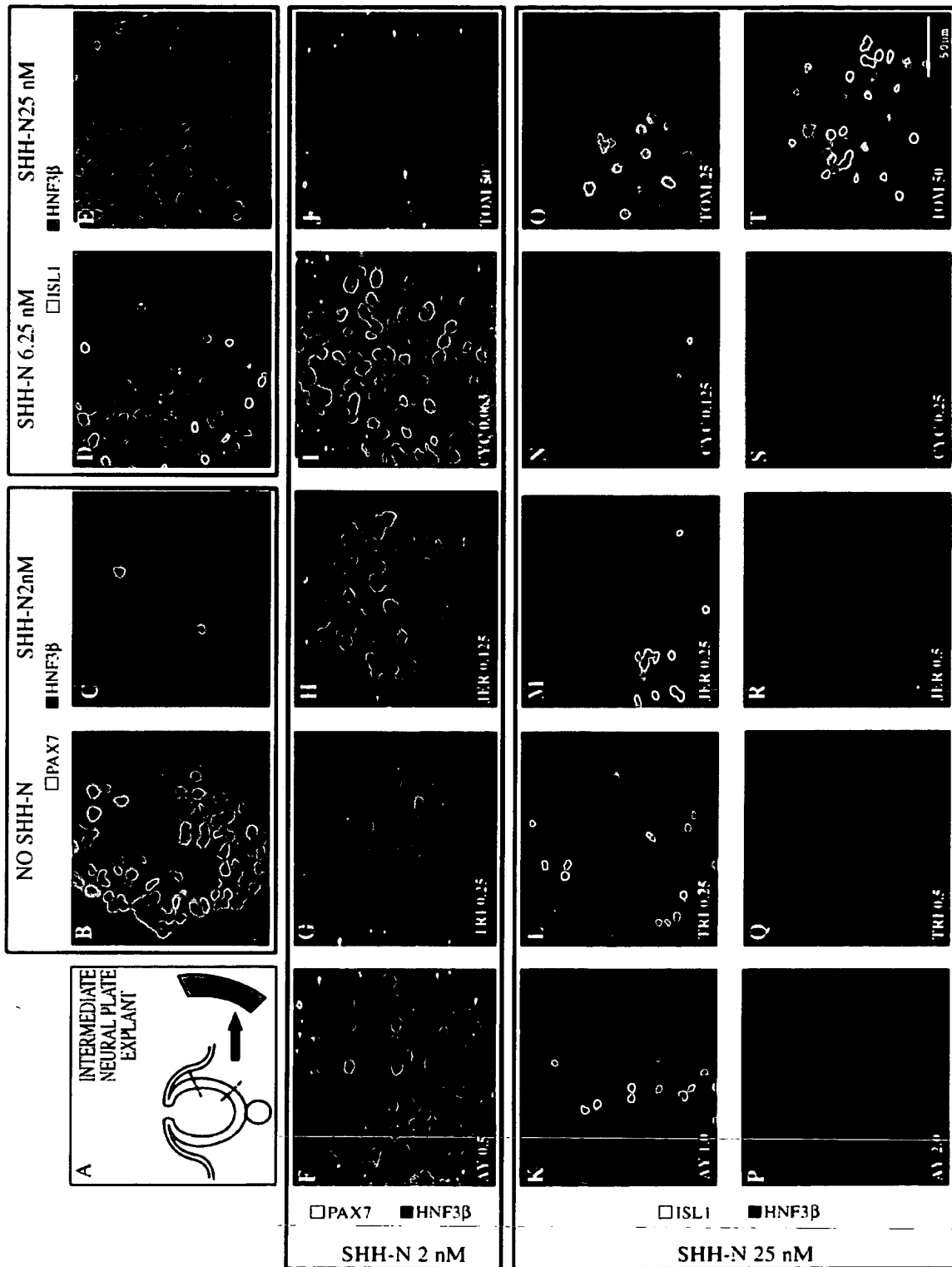


Fig. 6 (A-T)

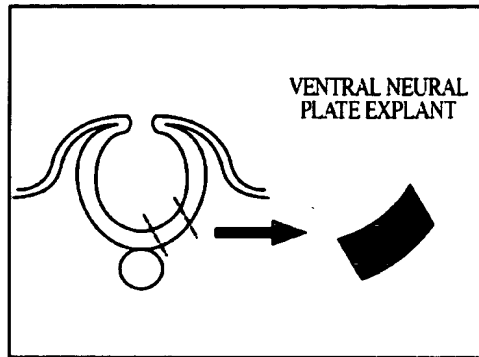


Fig. 7A

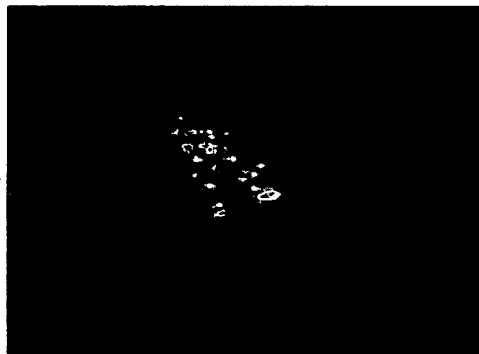


Fig. 7B

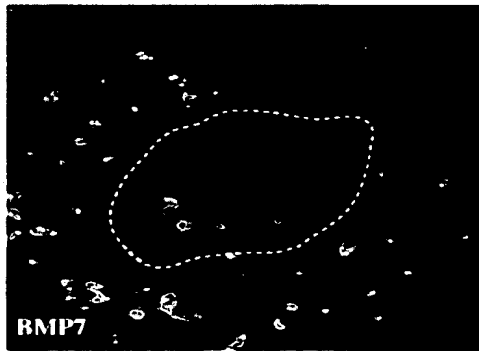


Fig. 7C

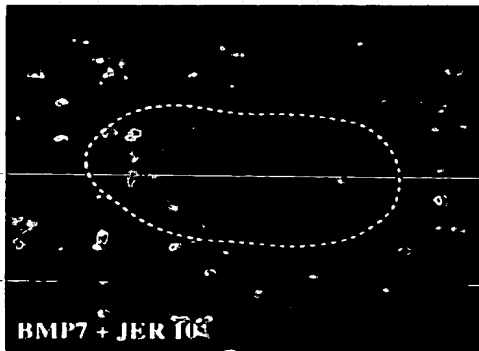


Fig. 7D

9/16

Control



Fig. 8A

Shh -/-

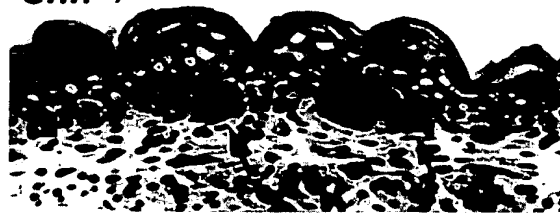


Fig. 8B

Control

Gli1



Fig. 8C

Shh -/-

Gli1

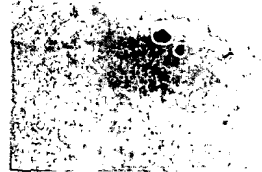


Fig. 8D

Control

Ptc1



Fig. 8E

Shh -/-

Ptc1



Fig. 8F

Control

BMP-4



Fig. 8G

Shh -/-

BMP-4



Fig. 8H

Control

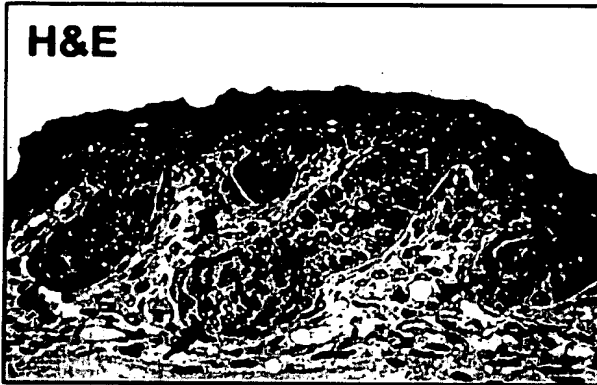


Fig. 9A

Shh -/-



Fig. 9B

Control



Fig. 9C

Shh -/-

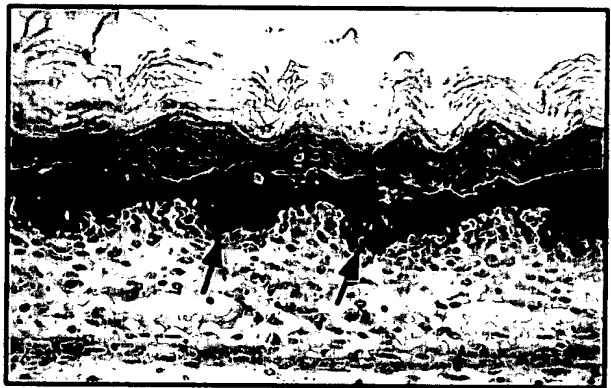


Fig. 9D

Control



Fig. 9E

Shh -/-



Fig. 9F



Fig. 10A

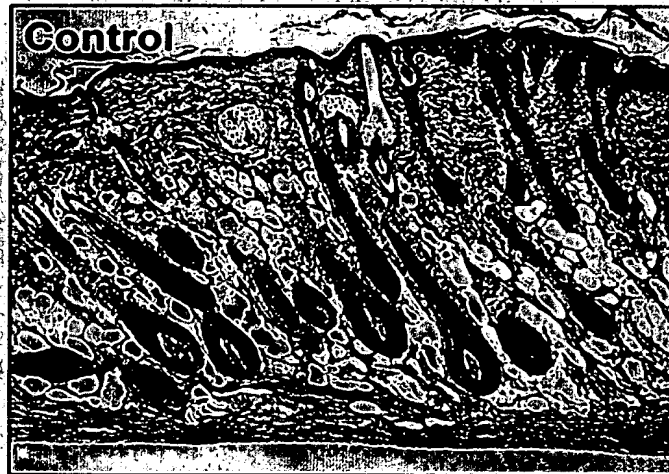


Fig. 10B

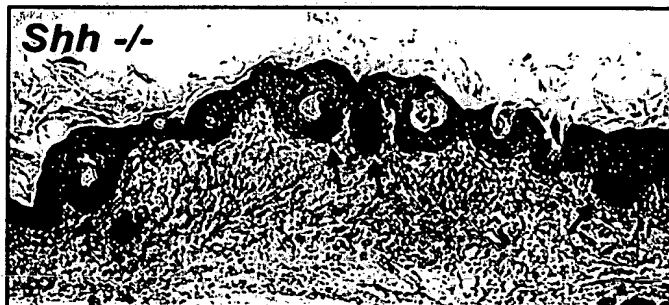


Fig. 10C



Fig. 10D

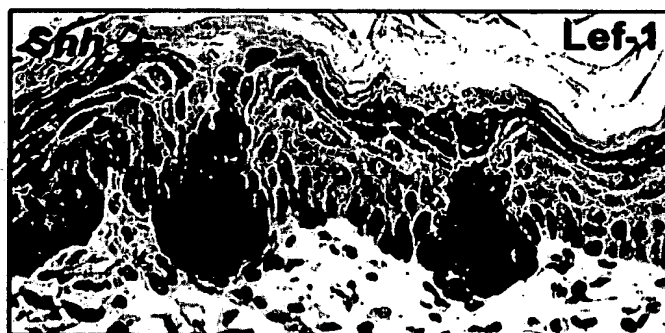


Fig. 10E

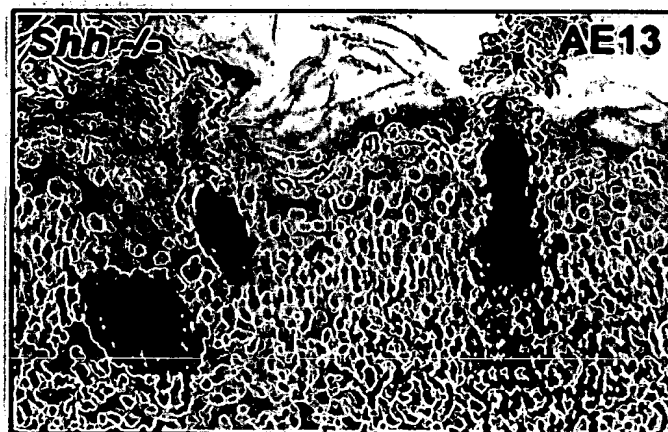


Fig. 10F

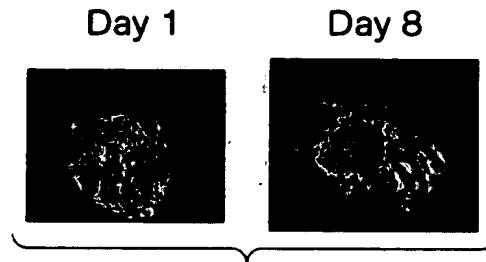


Fig. 11A

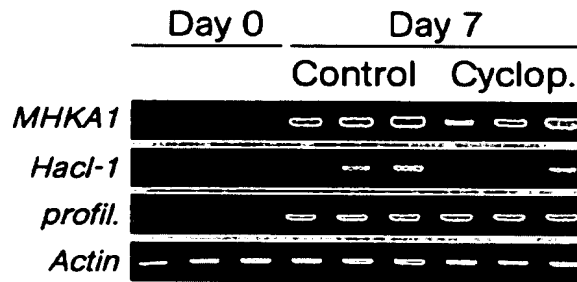


Fig. 11B

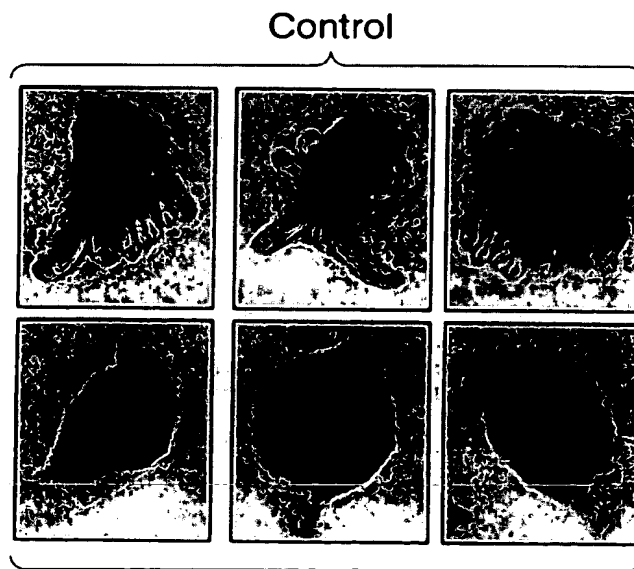


Fig. 11C

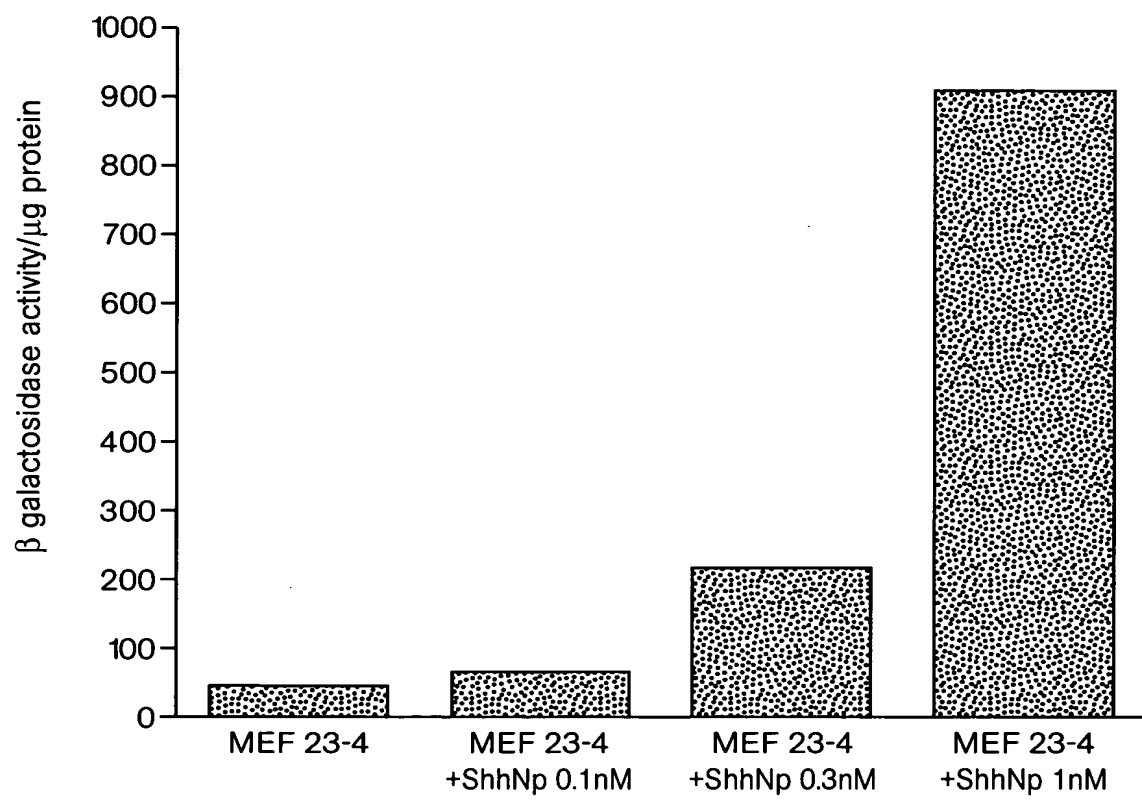


Fig. 12

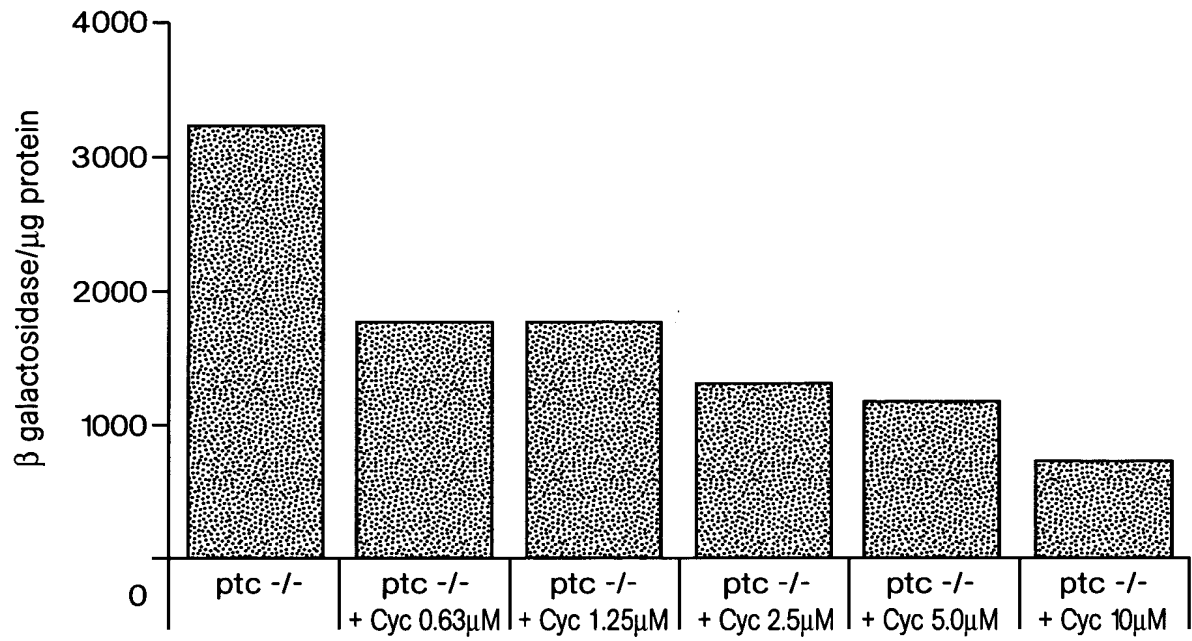


Fig. 13

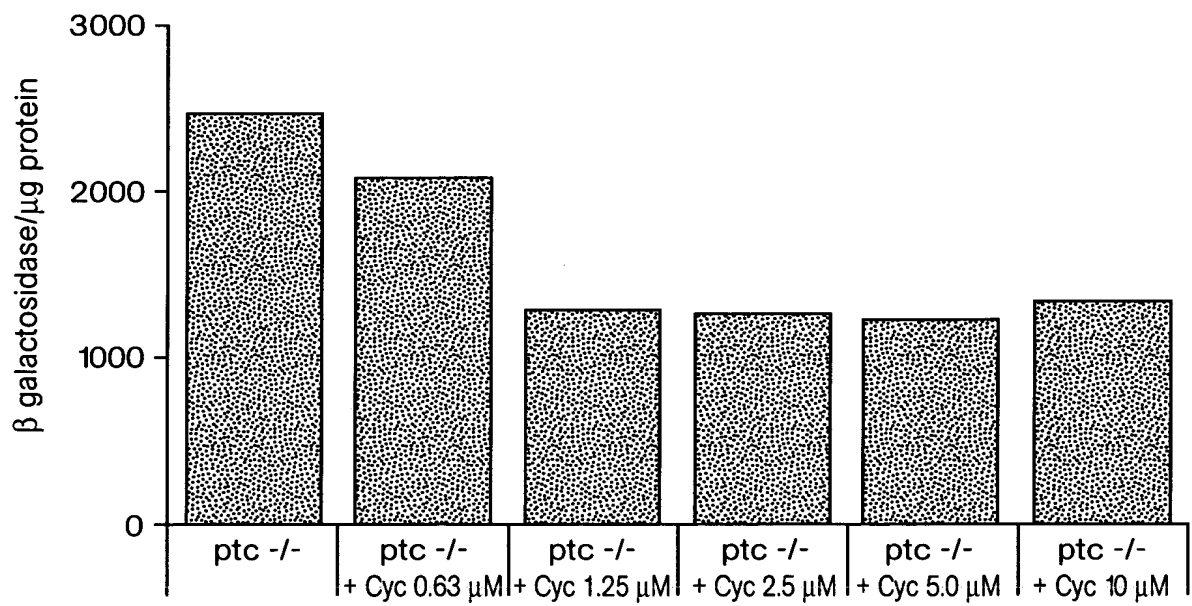


Fig. 14

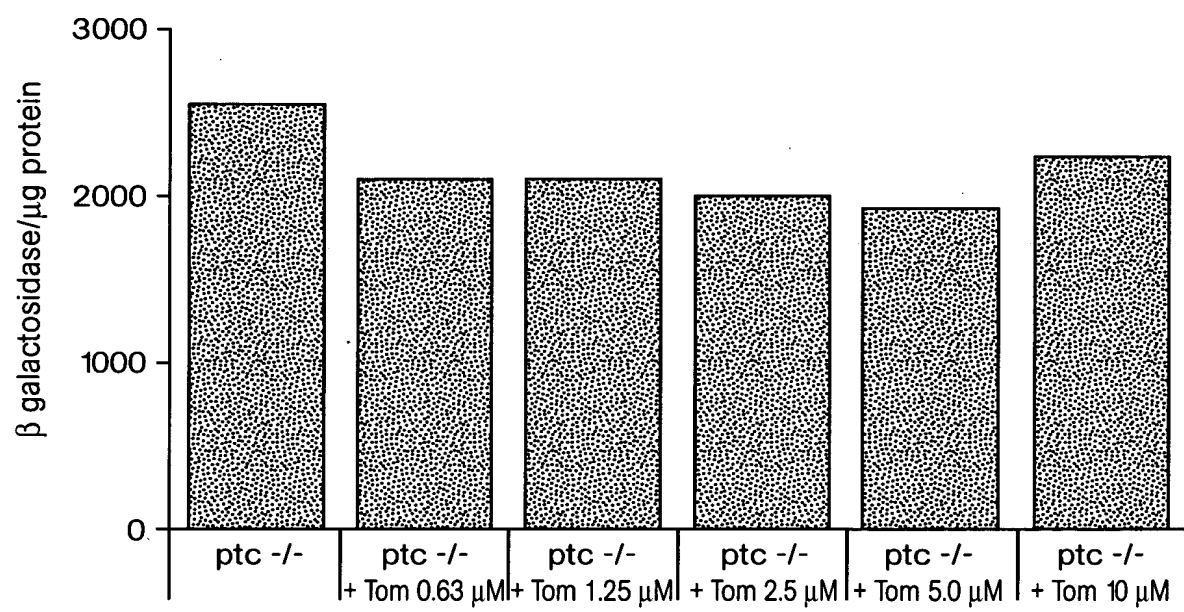


Fig. 15

**This Page is Inserted by IFW Indexing and Scanning
Operations and is not part of the Official Record**

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- ☐ BLACK BORDERS
- ☐ IMAGE CUT OFF AT TOP, BOTTOM OR SIDES
- ☐ FADED TEXT OR DRAWING
- ☒ BLURRED OR ILLEGIBLE TEXT OR DRAWING
- ☐ SKEWED/SLANTED IMAGES
- ☐ COLOR OR BLACK AND WHITE PHOTOGRAPHS
- ☐ GRAY SCALE DOCUMENTS
- ☐ LINES OR MARKS ON ORIGINAL DOCUMENT
- ☐ REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY
- ☐ OTHER: _____

IMAGES ARE BEST AVAILABLE COPY.

As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.